To: File
From: John Legg
Date: March 6, 2017

John Legg 3/6/17

Subj: Class II Administrative Update (to R13-2558D)
Campbell Transportation Company, Inc. (CTC)
Congo Plant - Newell, Hancock County, WV
Company ID No.: 029-00033
Permit ID No.: R13-2558E

Summary

This Class II Administrative Update is for:

- changes to eliminate used oil as a fuel for Boiler #1,
- the removal of Boiler #2,
- the removal of multiple storage tanks, and
- the addition of storage tanks G05 and LD-2.

Potential annual emissions are expected to decrease the following amounts:

Pollutant	Decrease in Annual Emissions (tpy)
NOx	11.75
CO	8.21
PM/PM10/PM2.5	1.90
SO2	5.23
VOC	0.5 1

Timing

CTC's legal advertisement ran on December 26, 2016 in ***The Weirton Daily Times***. The application was stamped in at the DAQ on December 27, 2016 and assigned to the writer for review on January 3, 2017. The legal affidavit of publication was received at the DAQ on January 4, 2017 as was the $300.00 application and the application was deemed complete on that date. The 60-day review period for the application will end on March 6, 2017.

Current Facility NAICS Codes

488320 - Marine Cargo Handling
562998 - All Other Miscellaneous Waste Management Services
336611 - Ship Building and Repairing
483211 - Inland Water Freight Transportation

Proposed Changes

- Remove the following equipment items from the permit:

Emission Unit ID	Emission Point ID	Emission Unit Description	Year Installed	Design Capacity	Control Device
~~B-2~~	~~V-2~~	~~Boiler #2, Tempella Keeler Model WB-1-16 FGR (500 Bhp) natural gas fired~~	~~2012~~	~~20.4 MMBtu/hr~~	~~None~~
~~G-1~~	~~G-1~~	~~Fuel Oil Tank~~	~~2004~~	~~19,400 gal~~	~~None~~
~~G-2~~	~~G-2~~	~~Glycol Treating Tank~~	~~2004~~	~~6,366 gal~~	~~None~~
~~G-4~~	~~G-4~~	~~Glycol Treating Tank~~	~~2004~~	~~6,366 gal~~	~~None~~
~~G-3~~	~~G-3~~	~~Caustic Scrubber Tank~~	~~2004~~	~~5,640 gal~~	~~None~~
~~EG-4~~	~~V-1~~	~~Vacuum Distillation Reactor (East)~~	~~2006~~	~~7,900 gal~~	~~TW-2~~
~~EG-5~~	~~V-1~~	~~Vacuum Distillation Reactor (West)~~	~~2006~~	~~9,100 gal~~	~~TW-2~~
~~CT-1~~	~~CT-1~~	~~Cooling Tower~~	~~2006~~	~~902 gal~~	~~None~~
~~CT-2~~	~~CT-2~~	~~Cooling Tower Re-circulation Tank~~	~~2006~~	~~1,784 gal~~	~~None~~
~~G-6~~	~~G-6~~	~~Product Storage Tank~~	~~2006~~	~~6,366 gal~~	~~None~~
~~W-1~~	~~W-1~~	~~Used oil Collection Tank~~	~~2006~~	~~24,540 gal~~	~~None~~
~~W-2~~	~~W-2~~	~~Used Oil Collection Tank~~	~~2006~~	~~24,540 gal~~	~~None~~
~~W-3~~	~~W-3~~	~~Product Storage Tank~~	~~2006~~	~~20,292 gal~~	~~None~~
~~W-4~~	~~W-4~~	~~Product Storage Tank~~	~~2006~~	~~20,292 gal~~	~~None~~
~~W-5~~	~~W-5~~	~~Product Storage Tank~~	~~2006~~	~~20,292 gal~~	~~None~~
~~N-1~~	~~N-1~~	~~Product Storage Tank~~	~~2006~~	~~30,104 gal~~	~~None~~
~~N-2~~	~~N-2~~	~~Product Storage Tank~~	~~2006~~	~~30,104 gal~~	~~None~~
~~F-1~~	~~F-1~~	~~Product Storage Tank~~	~~2006~~	~~10,575 gal~~	~~None~~
~~F-3~~	~~F-3~~	~~Product Storage Tank~~	~~2006~~	~~6,000 gal~~	~~None~~
~~F-4~~	~~F-4~~	~~Product Storage Tank~~	~~2006~~	~~3,500 gal~~	~~None~~
~~F-5~~	~~F-5~~	~~Product Storage Tank~~	~~2006~~	~~2,338 gal~~	~~None~~
~~QS-3~~	~~QS-3~~	~~Centrifuged Used Oil Holding Tank~~	~~2006~~	~~34,884 gal~~	~~None~~
~~QS-4~~	~~QS-4~~	~~Centrifuged Used Oil Holding Tank~~	~~2006~~	~~34,884 gal~~	~~None~~

- Add the following existing storage tank equipment items to the permit:

Emission Unit ID	Emission Point ID	Emission Unit Description	Year Installed	Design Capacity	Control Device
LD-2	LD-2	Wash Water (Non-Hazardous) Storage Tank	1972	3,200 gal	None
G-5	G-5	Boiler Fuel Oil Storage Tank	2004	5,600 gal	None

- Change the contents/Emission Unit Description of the following existing storage tank equipment items in the permit:

Emission Unit ID	Emission Point ID	Emission Unit Description	Year Installed	Design Capacity	Control Device
F-2	F-2	Product Storage Tank (Lube Oil)	2006	6,658 gal	None
F-3	F-3	Product Storage Tank (Lube Oil)	2006	6,000 gal	None
SSLD	SSLD	~~Product~~ Wash Water (Non-Hazardous) Storage Tank	2006	5,000 gal	None

- Make multiple changes to existing permit sections 4.1.1., 4.2.2., 4.2.3. and 4.4.4. in order to:
  - Remove the natural gas-fired Boiler #2 from the permit.
  - Eliminate used oil as a fuel for the oil-fired Boiler #1.
  - Reduce the operating hours (from 8,760 to 4,207.12 hrs) and annual emission limits for Boiler #1.
  - Reduce the sulfur dioxide hourly emission limit for Boiler #1 in order to correct a previous error/typo in R13-2558D.
- Delete section 4.5.1 of the permit because this one-time requirement to submit a Part 63 Subpart JJJJJJ Notification of Compliance Status Report has already occurred.

Emission Calculations

The writer reviewed CTC's emission calculations and found them to be correct.

Table 1: Hourly Pollutant Emissions Decreases Resulting for Shutting Down Boiler 2.			
Pollutant	**Before**	**After**	**Delta**
	Boiler 1 + Boiler 2 (lb/hr)	**Boiler 1 (lb/hr)**	**Before - After (lb/hr)**
SO2	1.50	0.70 (1)	-0.80
PM/PM10/PM2.5	0.68	0.52	-0.16
NOx	3.28	1.24	-2.04
CO	2.02	0.31	-1.71

Table 1: Hourly Pollutant Emissions Decreases Resulting for Shutting Down Boiler 2.			
Pollutant	**Before**	**After**	**Delta**
	Boiler 1 + Boiler 2 (lb/hr)	**Boiler 1 (lb/hr)**	**Before - After (lb/hr)**
VOC	0.12	0.01	-0.11
(1) The SO2 hourly emission limit for Boiler 1 changed from 1.50 lb/hr to 0.70 lb/hr to correct previous error/typo in R13-2558D. Note: Boiler 2 was a natural gas-fired boiler and had no SO2 emissions when it was in operation.			

Table 2: Annual Pollutant Emissions Decreases Resulting for Shutting Down Boiler 2 and Decreasing Boiler 1's Hours of Operation from 8,760 to 4207 Hours .			
Pollutant	**Before**	**After**	**Delta**
	(8,760 hr/yr) * (Boiler 1 + Boiler 2) * (1 ton/2000 lb) (ton/yr)	**(4207.12 hr/yr) * (Boiler 1) * (1 ton/2000 lb) (ton/yr)**	**Before - After (ton/yr)**
SO2	4.38 * 1.50 = 6.57	2.104 * 0.70 = 1.47	5.10
PM/PM10/ PM2.5	4.38 * 0.68 = 2.98	2.104 * 0.52 = 1.09	1.89
NOx	4.38 * 3.28 = 14.37	2.104 * 1.24 = 2.61	11.76
CO	4.38 * 2.02 = 8.85	2.104 * 0.31 = 0.65	8.20
VOC	4.38 * 0.12 = 0.53	2.104 * 0.01 = 0.00	0.53

Changes Made to Previous Permit (R13-2558D)

The changes made to R13-2558D to become R13-2558E are detailed in Attachment 1 to this evaluation.

Attachment 1

Changes Made to Permit R13-2558D to Become Permit R13-2258E

Campbell Transportation Compnay, Inc.

2567 Congo Arroyo Road
Newell, WV 26050

West Virginia Department of Environmental Protection

~~*Earl Ray Tomblin*~~
Jim Justice
Governor

Division of Air Quality

~~*Randy C. Huffman*~~
Shawn Caperton
Cabinet Secretary

Permit to ~~Modify~~Update

R13-~~2558D~~2558E

This permit is issued in accordance with the West Virginia Air Pollution Control Act (West Virginia Code §§22-5-1 et seq.) and 45 C.S.R. 13 – Permits for Construction, Modification, Relocation and Operation of Stationary Sources of Air Pollutants, Notification Requirements, Temporary Permits, General Permits and Procedures for Evaluation. The permittee identified at the above-referenced facility is authorized to construct the stationary sources of air pollutants identified herein in accordance with all terms and conditions of this permit.

Issued to:
~~C&C Marine Maintenance~~Campbell Transportation Company, Inc.
Congo Plant/Newell
029-00033

~~*John A. Benedict*~~
William F. Durham
Director

Issued: ~~July 10, 2012~~March 6, 2017

This permit will ~~supercede~~supersede and replace Permit R13-~~2558C~~2558D.

Facility Location:	2567 Congo Arroyo Road Newell, Hancock County, West Virginia
Mailing Address:	Foxpointe Centre, Building One 201 S. Johnson Road, Suite 303 Houston, PA 15324-1351
Facility Description:	Marine (Barge) Maintenance Facility which include steam cleaning of barges.
NAICS Codes:	~~325199,~~ 483211, ~~488310, 488330~~488320, 336611, and ~~488390~~562998
UTM Coordinates:	530.9 km Easting • 4,495.3 km Northing • Zone 17
Permit Type:	Class ~~I~~II Administrative Update
Description of Change:	This action ~~is to address conducting fuel sampling at the centrifuged~~eliminates used oil ~~holding~~as a fuel for Boiler #1, removes Boiler #2, removes multiple storage tanks, and ~~clarify the use of used oil in Condition 4.1.1.e~~adds storage tanks G-5 and LD-2.

Any person whose interest may be affected, including, but not necessarily limited to, the applicant and any person who participated in the public comment process, by a permit issued, modified or denied by the Secretary may appeal such action of the Secretary to the Air Quality Board pursuant to article one [§§22B-1-1 et seq.], Chapter 22B of the Code of West Virginia. West Virginia Code §§22-5-14.

This permit does not affect 45CSR30 applicability, the source is a nonmajor source subject to 45CSR30. The facility is not subject to the permitting requirements of 45CSR30 and is classified as a deferred source.

1.0. Emission Units

Emission Unit ID	Emission Point ID	Emission Unit Description	Year Installed	Design Capacity	Control Device
B-1	V-1	Boiler #1Powerflame Model HPGA06-D7.5V 450 Boiler horsepower (Bhp)	2004	17.4 MMBtu/hr	Scrubber TW-2
B-2	V-2	Boiler #2, Tempella Keeler Model WB-1-16 FGR (500 Bhp) natural gas fired	2012	20.4 MMBtu/hr	None
G-1	G-1	Fuel Oil Tank	2004	19,400 gal	None
G-2	G-2	Glycol Treating Tank	2004	6,366 gal	None
G-4	G-4	Glycol Treating Tank	2004	6,366 gal	None
G-3	G-3	Caustic Scrubber Tank	2004	5,640 gal	None
EG-4	V-1	Vacuum Distillation Reactor (East)	2006	7,900 gal	TW-2
EG-5	V-1	Vacuum Distillation Reactor (West)	2006	9,100 gal	TW-2
CT-1	CT-1	Cooling Tower	2006	902 gal	None
CT-2	CT-2	Cooling Tower Re-circulation Tank	2006	1,784 gal	None
G-6	G-6	Product Storage Tank	2006	6,366 gal	None
W-1	W-1	Used oil Collection Tank	2006	24,540 gal	None
W-2	W-2	Used Oil Collection Tank	2006	24,540 gal	None
W-3	W-3	Product Storage Tank	2006	20,292 gal	None
W-4	W-4	Product Storage Tank	2006	20,292 gal	None
W-5	W-5	Product Storage Tank	2006	20,292 gal	None
N-1	N-1	Product Storage Tank	2006	30,104 gal	None
N-2	N-2	Product Storage Tank	2006	30,104 gal	None
F-1	F-1	Product Storage Tank	2006	10,575 gal	None
F-2	F-2	Product Storage Tank (Lube Oil)	2006	6,658 gal	None
F-3	F-3	Product Storage Tank (Lube Oil)	2006	6,000 gal	None
SSLDF-4	SSLDF-4	ProductWash Water (Non-Hazardous) Storage Tank	2006	3,5005,000 gal	None
F-5LD-2	F-5LD-2	ProductWash Water (Non-Hazardous) Storage Tank	20061972	2,3383,200 gal	None
QS-3	QS-3	Centrifuged Used Oil Holding Tank	2006	34,884 gal	None
QS-4	QS-4	Centrifuged Used Oil Holding Tank	2006	34,884 gal	None
G-5SSLD	G-5SSLD	ProductBoiler Fuel Oil Storage Tank	20042006	5,000600 gal	None

2.3. Authority

This permit is issued in accordance with West Virginia air pollution control law W.Va. Code §§ 22-5-1. et seq. and the following Legislative Rules promulgated thereunder:

2.3.1. 45CSR13 – *Permits for Construction, Modification, Relocation and Operation of Stationary Sources of Air Pollutants, Notification Requirements, Temporary Permits, General Permits and Procedures for Evaluation*;

2.4. Term and Renewal

2.4.1. This permit supersedes and replaces previously issued Permit R13-~~2558C~~2558D. This Permit shall remain valid, continuous and in effect unless it is revised, suspended, revoked or otherwise changed under an applicable provision of 45CSR13 or any other applicable legislative rule;

2.5. Duty to Comply

2.5.1. The permitted facility shall be constructed and operated in accordance with the plans and specifications filed in Permit Application R13-2558, R13-2558A, R13-2558B, R13-2558C, R13-2558D, R13-2558E, and any modifications, administrative updates, or amendments thereto. The Secretary may suspend or revoke a permit if the plans and specifications upon which the approval was based are not adhered to;
[45CSR§§13-5.11 and -10.3.]

2.5.2. The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the West Virginia Code and the Clean Air Act and is grounds for enforcement action by the Secretary or USEPA;

2.5.3. Violations of any of the conditions contained in this permit, or incorporated herein by reference, may subject the permittee to civil and/or criminal penalties for each violation and further action or remedies as provided by West Virginia Code 22-5-6 and 22-5-7;

2.5.4. Approval of this permit does not relieve the permittee herein of the responsibility to apply for and obtain all other permits, licenses, and/or approvals from other agencies; i.e., local, state, and federal, which may have jurisdiction over the construction and/or operation of the source(s) and/or facility herein permitted.

2.6. Duty to Provide Information

The permittee shall furnish to the Secretary within a reasonable time any information the Secretary may request in writing to determine whether cause exists for administratively updating, modifying, revoking, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the Secretary copies of records to be kept by the permittee. For information claimed to be confidential, the permittee shall furnish such records to the Secretary along with a claim of confidentiality in accordance with 45CSR31. If confidential information is to be sent to USEPA, the permittee shall directly provide such information to USEPA along with a claim of confidentiality in accordance with 40 C.F.R. Part 2.

in a form suitable and readily available for expeditious inspection and review. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation. The files shall be maintained for at least five (5) years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. At a minimum, the most recent two (2) years of data shall be maintained on site. The remaining three (3) years of data may be maintained off site, but must remain accessible within a reasonable time. Where appropriate, the permittee may maintain records electronically (on a computer, on computer floppy disks, CDs, DVDs, or magnetic tape disks), on microfilm, or on microfiche.

3.4.2. **Odors.** For the purposes of 45CSR4, the permittee shall maintain a record of all odor complaints received, any investigation performed in response to such a complaint, and any responsive action(s) taken.
[45CSR§4. *State Enforceable Only.*]

3.5. Reporting Requirements

3.5.1. **Responsible official.** Any application form, report, or compliance certification required by this permit to be submitted to the DAQ and/or USEPA shall contain a certification by the responsible official that states that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

3.5.2. **Confidential information.** A permittee may request confidential treatment for the submission of reporting required by this permit pursuant to the limitations and procedures of W.Va. Code § 22-5-10 and 45CSR31.

Formatted: Font color: Auto

3.5.3. **Correspondence.** All notices, requests, demands, submissions and other communications required or permitted to be made to the Secretary of DEP and/or USEPA shall be made in writing and shall be deemed to have been duly given when delivered by hand, or mailed first class or by private carrier with postage prepaid to the address(es~~)~~), or submitted in electronic format by email as set forth below or to such other person or address as the Secretary of the Department of Environmental Protection may designate:

Formatted Table

~~If to the~~ DAQ:	~~If to the~~ US EPA:
Director	Associate Director
WVDEP	Office of Air Enforcement and ~~Permits Review~~Compliance Assistance
Division of Air Quality	(~~3AP12~~3AP20)
601 57th Street	U.S. Environmental Protection Agency
Charleston, WV 25304-2345	Region III
DAQ Compliance and Enforcement[1]:	1650 Arch Street
DEPAirQualityReports@wv.gov	Philadelphia, PA 19103-2029

[1]For all self-monitoring reports (MACT, GACT, NSPS, etc.), stack tests and protocols, Notice of Compliance Status Reports, Initial Notifications, etc.

3.5.4. Operating Fee

3.5.4.1. In accordance with 45CSR30 – Operating Permit Program, the permittee shall submit a certified emissions statement and pay fees on an annual basis in accordance with the submittal

4.0. Source-Specific Requirements

4.1. Limitations and Standards

4.1.1. The installation, operation, and maintenance of the ~~Boilers~~Boiler #1 ~~and #2~~, identified as emission points V-1 ~~and V-2 respectively~~, shall be conducted in accordance with the following limitations:

a. Hourly and annual emission limitation from Boiler #1 shall not exceed the following:

Table #4.1.1.a. – Emission Limits for Boiler #1		
Pollutant	Fuel Oil Fired	
	Hourly Rate lb/hr	Annual Rate (TPY)
$PM/PM_{10}/PM_{2.5}$ Includes Filterable & Condensable Fractions	0.52	~~2.30~~1.08
SO_2	~~1.50~~.70	~~6.59~~1.46
NO_x	1.24	~~5.41~~2.60
CO	0.31	~~1.35~~0.65
VOCs	0.01	0.~~05~~03

~~b. Hourly and annual emission limitation from Boiler #2 shall not exceed the following:~~

~~Table #4.1.1.b. Emissions Limits for Boiler #2~~		
~~Pollutant~~	~~Natural Gas Firing~~	
	~~Hourly Rate (lb/hr)~~	~~Annual Rate (TPY)~~
~~$PM/PM_{10}/PM_{2.5}$ Filterable~~	~~0.16~~	~~0.68~~
~~NO_x~~	~~2.04~~	~~8.94~~
~~CO~~	~~1.71~~	~~7.51~~
~~VOCs~~	~~0.11~~	~~0.49~~

~~c~~.b. Exhaust from Boiler #1 shall be vented through control device TW-2 prior to being discharged to the atmosphere at Emission Point V-1.

~~d~~.c. The Vent Scrubber TW-2 shall be operated and maintained with a scrubber solution having a ph level of 8 or greater at all times when Boiler #1 is operating.

~~e~~.d. Boiler #1 shall be fueled with either #2 fuel oil, #4 fuel oil, ~~used oil that is not subject to Subpart H of 40 CFR Part 266,~~ or mixture of such fuels. The sulfur content of such fuels shall not exceed 0.5 percent by weight as combusted. ~~The combustion of off specification used oil, as determined in accordance with 40 CFR §279.11, is subject to the requirements of Subpart G, 40 CFR 279.~~

~~f~~.e. The maximum amount of any fuel combusted in Boiler #1 shall not exceed 61.8 gallons per hour and ~~541,267~~260,000 gallons of fuel per year. These limits restrict the heat input for Boiler #1 to less than 8 MMBtu/hr.

~~g~~.f. The permittee shall conduct biennial performance tune-ups of Boiler #1. The initial tune-up must be completed by no later than October 1, 2012 or the effective compliance date for the tune up (40CFR§63.11196(a)(1)) in the final rule addressing the proposed reconsideration of Subpart JJJJJJ of 40 CFR Part 63. Then, each tune-up thereafter must be conducted no later

than 25 months after the previous tune-up. Such tune-up must be conducted in accordance with i. through vi. of this condition.

i. As applicable, inspect the burner, and clean or replace any components of the burner as necessary (the permittee may delay the burner inspection until the next scheduled unit shutdown, but you must inspect each burner at least once every 36 months).

ii. Inspect the flame pattern, as applicable, and adjust the burner as necessary to optimize the flame pattern. The adjustment should be consistent with the manufacturer's specifications, if available.

iii. Inspect the system controlling the air-to-fuel ratio, as applicable, and ensure that it is correctly calibrated and functioning properly

iv. Optimize total emissions of carbon monoxide. This optimization should be consistent with the manufacturer's specifications, if available.

v. Measure the concentrations in the effluent stream of carbon monoxide in parts per million, by volume, and oxygen in volume percent, before and after the adjustments are made (measurements may be either on a dry or wet basis, as long as it is the same basis before and after the adjustments are made).

vi. If the unit is not operating on the required date for a tune-up, the tune-up must be conducted within one week of startup.
[40CFR§§63.11223(b)]

~~h. Boiler #2 shall only be fired with pipeline quality natural gas.~~

~~i~~g. Visible emissions from Emission ~~Points~~Point V-1 ~~and V-2~~ shall not exceed 10% opacity.
[45CSR§2-3.1]

4.1.2. The permittee is permitted to employ a glycol recovery process at the facility. The glycol recovery process shall be operated and maintained in accordance with the following limitations:

a. The permittee is permitted to operate two vacuum distillation units. The East Reactor shall have a maximum physical volume of 7,900 gallons and the West Reactor shall have a maximum physical volume of 9,100 gallons.

b. Combined VOC emissions from the glycol recovery process vents and cooling tower shall not exceed 15.80 tons per year.

c. Combined Ethylene glycol emissions from the glycol recovery process vents and cooling tower shall not exceed 9.22 tons per year.

d. Maximum peek hourly VOC emission from the cooling tower shall not exceed 37.67 pounds per hour. Compliance with this limit by maintaining the temperature cooling water below 95^{0}F and the content of total glycols entrained in the cooling water shall not exceed 50% by volume.

e. Used oil separated from the incoming glycol solutions stream and transferred to the used oil storage tank shall not exceed a maximum annual throughput of 50,000 gallons per year.

4.1.3. **Operation and Maintenance of Air Pollution Control Equipment.** The permittee shall, to the extent practicable, install, maintain, and operate all pollution control equipment listed in Section 1.0 and associated monitoring equipment in a manner consistent with safety and good air pollution

control practices for minimizing emissions, or comply with any more stringent limits set forth in this permit or as set forth by any State rule, Federal regulation, or alternative control plan approved by the Secretary.
[45CSR§13-5.11.]

4.2. Monitoring Requirements

4.2.1. The permittee shall monitor and record the amount of fuel consumed, by fuel type, for Boiler #1 on a monthly basis. In addition, the permittee shall keep a 12-month rolling total of fuel consumed by the boiler. Such records shall be maintained in accordance with Condition 3.4.1.
[45 CSR §2-7.1.a.6.]

~~4.2.2. The permittee shall monitor and record the natural gas usage for Boiler #2 on a monthly basis. Such records shall be maintained in accordance with Condition 3.4.1.~~
~~**[45 CSR §2-7.1.a.6., 40 CFR §60.48c(g)(2)]**~~

~~4.2.3. Once the Centrifuged Used Oil Holding Tanks (identified as QS-3 and QS-4) are fill and before any oil is transferred to the Fuel Oil Tank (identified as G-1) for combustion, the permittee shall sample the oil stored in the Centrifuged Used Oil Holding Tanks and analyze the oil for the following:~~

~~Total sulfur (percent by weight)~~

~~Higher Heating Value (HHV), in terms of Btu/gallon~~

~~If a partially empty Centrifuged Used Oil Holding Tank is refilled, a new sample and analysis of the fuel must be conducted prior to being transferred to the Fuel Oil Tank. Such analysis will be conducted using appropriate reference methods. Such records shall include the date and location sample(s) taken, chain of custody documents, and analytic report of the analysis. These records shall be maintained in accordance with Condition 3.4.1. of this permit.~~
~~**[45CSR§10-8.3.c.]**~~

4.2.2. *[Reserved]*

4.2.3. *[Reserved]*

4.2.4. Within 60 days after completing the boiler tune-up for Boiler #1, the permittee shall conduct a visible emission observation of the exhaust from Boiler #1 in accordance with Condition 4.1.1.g. Such observation shall be conducted in accordance with U.S. EPA Method 9. Records of such observations shall be maintained in accordance with Condition 3.4.1.

4.2.5. For the purpose of verifying compliance with the emission limits of 4.1.2.b.,c, and d., the permittee shall monitor the temperature of the cooling water of the cooling water or the temperature of the cooling water at the inlet for the condenser during June through September. Once per operating day, the permittee shall measure and record the temperature of the cooling water while in operation. Records of such monitoring shall be maintained in accordance with Condition 3.4.1.

4.2.6. The permittee shall sample and analysis the cooling water on operating days that the measured temperature of the cooling water exceeds 85^0F. Such sampling shall be conducted within 24 hours of taken the temperature measurement and the analysis shall determine the total glycols of the

4.4.4. The permittee shall record for ~~each boiler~~Boiler #1 the date and time of each start-up and shut down of the unit. Such records shall be maintained in accordance with Condition 3.4.1.

4.4.5. The permittee shall maintain the following in accordance with Condition 3.4.1. of the biennial tune-ups for Boiler #1 as required in Condition 4.1.1.g.:

a. The concentrations of CO in the effluent stream in parts per million, by volume, and oxygen in volume percent, measured before and after the tune-up of the boiler.

b. A description of any corrective actions taken as a part of the tune-up of the boiler.

c. The type and amount of fuel used over the 12 months prior to the biennial tune-up of the boiler;

d. Date(s) when the tune-up took place.
[40 CFR §§63.11223(b)(6)(i thought iii)]

4.4.6. The permittee shall determine the total amount of VOCs released from the glycol recovery process once a year for the purpose of demonstrating compliance with the emission limit in Condition 4.1.2.b. Such demonstration shall be completed no later than the 1st of March for the previous calendar year. Records shall include all calculations, data, and any other information used to determine the annual emissions. Such records shall be maintained in accordance with Condition 3.4.1.

4.4.7. The permittee shall record the following information of each batch of crude glycol processed at the facility:

a. The total volume of the crude glycol being processed.
b. Concentration of the glycol in the crude glycol.
c. Concentration of the glycol of the glycol after processing.
d. The volume of the batch after being processed.
e. Start and end date/time of the batch.

In lieu of maintain records of items a though d of this condition, the permittee may determine the amount of glycol loss per batch. Regardless of which approach the permittee elect which records to maintain, such records shall be maintained in accordance with Condition 3.4.1.

4.5. Reporting Requirements

~~4.5.1. For the purpose of compiling with 40 CFR §63.11225(a)(4), the permittee shall submit to the Director and Administrator a Notification of Compliance for Boiler #1 with the work practices (boiler tune-up) of 40 CFR 63, Subpart JJJJJ by no later than 120 days after the compliance date set forth in Condition 4.1.1.g. The notification must be signed by a responsible official who shall certify its accuracy. Attesting to whether the source has complied with the following certification:~~

~~"This facility complies with the requirements in §63.11214 (Condition 4.1.1.g.) to conduct an initial tune-up of the boiler."~~

~~The permittee may use the "Initial Notification of Compliance Status for Boiler Subject to Tune-ups -AREA SOURECS" form posted at http://www.epa.gov/ttn/atw/boiler/boilerpg.html#DOC .~~

~~This notification shall include the following information:~~

~~a. The concentrations of CO in the effluent stream in parts per million, by volume, and oxygen in volume percent, measured before and after the tune-up of the boiler.~~

~~b. A description of any corrective actions taken as a part of the tune-up of the boiler.~~

~~c. The type and amount of fuel used over the 12 months prior to the biennial tune-up of the boiler.~~
~~[40CFR§§63.9(h)(2) and 63.11225(a)(4)]~~